

Project Title	Funding	Strategic Plan Objective	Institution
Cortical circuit changes and mechanisms in a mouse model of fragile X syndrome	\$293,198	Q2.S.D	University of Texas Southwestern Medical Center
Cortical circuit changes and mechanisms in a mouse model of fragile X syndrome (supplement)	\$47,848	Q2.S.D	University of Texas Southwestern Medical Center
Coordinated control of synapse development by autism-linked genes	\$75,000	Q2.S.D	University of Texas Southwestern Medical Center
Clinical correlations of contiguous gene syndromes	\$21,923	Q2.S.D	Baylor College of Medicine
Elucidating the roles of SHANK3 and FXR in the autism interactome	\$403,492	Q2.S.D	Baylor College of Medicine
Role of excitation and inhibition in Rett syndrome	\$32,922	Q2.S.D	Baylor College of Medicine
Mouse models of the neuropathology of tuberous sclerosis complex	\$258,344	Q2.S.D	University of Texas Health Science Center at Houston
Developmental versus acute mechanisms mediating altered excitatory synaptic function in the fragile X syndrome mouse model	\$0	Q2.S.D	University of Texas Southwestern Medical Center
Mouse models of human autism spectrum disorders: Gene targeting in specific brain regions	\$100,000	Q2.S.D	University of Texas Southwestern Medical Center
Treatment of sleep problems in children with autism spectrum disorder with melatonin: A double-blind, placebo-controlled study	\$6,814	Q2.S.E	Baylor College of Medicine
Neurological diseases due to inborn errors of metabolism	\$17,838	Q2.S.E	University of Texas Southwestern Medical Center
Neurologin function in vivo: Implications for autism and mental retardation	\$392,500	Q2.S.G	University of Texas Southwestern Medical Center
Visual perspective-taking and the acquisition of American Sign Language by deaf children with autism	\$28,000	Q2.Other	University of Texas at Austin
Cerebellar anatomic and functional connectivity in autism spectrum disorders	\$251,419	Q2.Other	University of Texas at Austin
Neural correlates of social exchange and valuation in autism	\$149,985	Q2.Other	Baylor College of Medicine
1/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$2,000,000	Q3.S.A	Baylor College of Medicine
Toxicant-induced autism and mitochondrial modulation of nuclear gene expression	\$0	Q3.S.F	Texas A&M University
Analysis of candidate genes derived from a protein interaction network in SSC samples	\$987,318	Q3.L.B	Baylor College of Medicine
The role of the Rett gene, chromosome 15Q11-Q13, other genes, and epigenetics	\$18,368	Q3.L.B	Baylor College of Medicine
Studies of postmortem brain searching for epigenetic defects causing autism	\$400,000	Q3.L.B	Baylor College of Medicine
Relevance of NPAS1/3 balance to autism and schizophrenia	\$356,840	Q3.L.B	University of Texas Southwestern Medical Center
Simons Simplex Collection Site	\$437,339	Q3.L.B	Baylor College of Medicine
Maternal supplementation of folic acid and function of autism gene synaptic protein Shank3 in animal model	\$109,450	Q3.L.C	Baylor College of Medicine

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Epidemiological research on autism in Jamaica	\$146,500	Q3.L.D	University of Texas Health Science Center at Houston
DNA methylation and other epigenetic studies of autism brain	\$0	Q3.Other	Baylor College of Medicine
Treatment of sleep problems in children with autism spectrum disorder with melatonin: A double-blind, placebo-controlled study	\$150,000	Q4.S.A	Baylor College of Medicine
Animal models of autism: Pathogenesis and treatment	\$100,000	Q4.S.B	University of Texas Southwestern Medical Center
Novel genetic animal models of autism	\$274,750	Q4.S.B	University of Texas Southwestern Medical Center
Dysregulation of PI3K/AKT in social interaction deficits and autism spectrum disorders with macrocephaly	\$81,630	Q4.S.B	University of Texas Southwestern Medical Center
Folate rechallenge: A pilot study	\$10,961	Q4.S.C	Baylor College of Medicine
ADHD symptoms in autism: Cognition, behavior, treatment	\$271,086	Q4.L.C	University of Texas Health Science Center at Houston
Effects of follow-through during DTT on verbalizations	\$11,231	Q4.Other	Center for Autism and Related Disorders (CARD)
Telemedicine approach to teaching pill-swallowing skills	\$14,168	Q4.Other	Center for Autism and Related Disorders (CARD)
Autism Training and Education	\$25,000	Q5.L.C	Autism Service Center of San Antonio
Simons Simplex Collection	\$8,592	Q7.D	Baylor College of Medicine

